2 P	Connect to computer Push power button	Reaction  White screen, green pulsing LED	Error	Remedies	
2 P		White screen, green pulsing LED			
3 0	Push power button	White screen, green pulsing LED			
			No reaction	Push power button again. Check (+) and (-) to make sure they are not accidentally connected to each other. Replace cable to computer.	
4 0	Open Mu editor			Topico case of the party	
	Open Serial dialogue in Mu				
5 C	Click in Serial, ctrl-c	Adafruit CircuitPython 5.3.0 on 2020-04-29;			
		Adafruit Feather M4 Express with samd51j19			
		code.py output: Hello World!			
		Drive listing on host computer becomes FEATHERBOOT:			
fe 7		FEATHERBOOT drive self-ejects, becomes CIRCUITPY drive.			
		Adafruit CircuitPython 7.2.5 on 2022-04-06; Adafruit Feather M4 Express with samd51j19			
d	Copy folder lib to CIRCUITPY drive. If asked, replace existing folder.				
		No reaction	Serial in REPL mode.	ctrl-d to resume	
	blink_indicator, code.py Serial, ctrl-d	initialized indicator, no other regetion	Wiring fault in LED circuit	Check A56-GND, A55-(+), LED case	
11 8	seriai, ctri-d	initialized indicator, no other reaction	Wiring fault in LED circuit	flat on underside of board, $100\Omega$ resistor (+) to A60, LED - lead to B55,	
11 S	Serial, ctrl-d	initialized indicator, blinking LED	indicator OK		
d	display_screen, code.py	initialized display, STELLA splash screen showing		ctrl-d to resume	
С	xode.py	Ready: push record/pause button to test it, pushing the button toggles between modes 0 and 1	no change of mode showing.	Check pushbutton wiring, to (-) and to blue wire. Check capacitor installed with correct polarity.	
	Copy test_codes, 2c_bus_scan, code.py	I2C addresses found: ['0x18', '0x49', '0x5a', '0x68', '0x77']	Fewer than 5 addresses showing.		0x18 AT Air Temperature - MCP98080x49 VIS 6 channel Spectrometer - AS7262 0x5a TIR Surface Temperature - Melexis MLX90614 0x68 clock: Real time clock - PCF85230x77 WX
V	nidity, code.py	If successful:Temperature: 24.7 C Humidity: 50.2 % Pressure: 1011.9 hPa Altitude = 11.02 meters	If unsuccessful-Traceback (most recent call last): File "code.py", line 14, in <pre><module></module></pre> File "adafruit_bme280/basic.py", line 250, in humidity File "adafruit_bme280/basic.py", line 118, in read_temperature File "adafruit_bme280/basic.py", line 150, in get_status File "adafruit_bme280/basic.py", line 301, in	Check wiring of WX = BME280 sensor.	
	Copy test_codes,, AT_air_temperature, code.py	If successful:Temperature: 25.6875 C 78.2375 F	If unsuccessful:[test circuit does not induce error]	Check wiring of AT = MCP9808 sensor.	
	/IS_spectrum, code.py	If successful:Bright white source LED will shine briefly. V:450nm: 15.9 B:500nm: 22.0 G:550nm: 25.1 Y:570nm: 23.9 O:600nm: 21.5 R:650nm: 18.7	If unsuccessful:Traceback (most recent call last): File "code.py", line 10, in <module> File "adafruit as726x.py", line 443, ininit_ File "adafruit_bus_device/i2c_device.py", line 61, ininit_ File "adafruit_bus_device/i2c_device.py", line 183, inprobe_for_device ValueError: No I2C device at address: 0x49</module>	Check wiring of VIS = AS7262 sensor.	
Т	Copy test_codes, ITR_remote_temperature, oode.py	If successful: <b>Object Temp: 24.29</b>	If unsuccessful:Traceback (most recent call last): File "code.py", line 15, in <module> File "adafruit_mlx90614.py", line 120, in object_temperature File "adafruit_mlx90614.py", line 123, in _read_temp File "adafruit_mlx90614.py", line 133, in _read_15 OSError: [Errno 5] Input/output error</module>	Check wiring of TIR = MLX90614 sensor.	
	NIR_spectrum, code.py	If successful:Bright white source LED will shine at a couple of different brightnesses. uW/cm^2 610nm: 12.8 680nm: 10.6 730nm: 19.5 760nm: 21.7 810nm: 21.7 810nm: 16.0 860nm: 16.0	If unsuccessful:[test circuit does not induce error]	Check wiring of NIR = AS7263 sensor.	
re	eal_time_clock, code.py	The date is Tuesday 2085-5-19 the day of the month is 19 the month is 5 The time is 22:36:09	This reaction is the same whether or not there is a clock battery installed. If you haven't installed a clock battery already, please do so now. Then follow the instructions to set the clock to UTC. https://time.is/UTC		
S		If successful:Printing lines in file: year month day batch checksum Program Completed	If unsuccessful:Traceback (most recent call last): File "code.py", line 19, in cmodule> File "adafruit_sdcard.py", line 100, ininit_ File "adafruit_sdcard.py", line 121, in _init_card OSError: no SD card	Two possible causes for this error. 1. No SD card installed. Install an SD card to correct this. 2. Adaloger has not been modified to connect the SD_CS chip select line to pin 11. If the SD_CS line is still connected to pin 10, the software won't find the card, even if	
С	Copy code-and-libraries, code.py to run the full STELLA code.	If successful: Memory B: Used 136768 /Free 16640 begin infinite loop, mode == 0, and display will show data table.			